

Publication

EP 0573794 A3 19940209

Application

EP 93107548 A 19930510

Priority

DE 4218927 A 19920610

Abstract (en)

[origin: CA2094482A1] The conductor bars of stator windings of rotating electric machines are usually multiply wound around with two-layer mica strips as major insulation and then impregnated with synthetic resin. It is proposed to use as first layer (L1) a mica strip which is provided on both sides with a textile carrier (24, 25). The further layers (L2, L3, L4, ...) are then wound with a mica strip (27) provided with a textile carrier (28) only on one side. A major insulation constructed in this way is very homogeneous. The textile carrier (24), preferably consisting of glass fabric, which bears directly on the conductor surface, optimizes the impregnation and produces an effective bond between the insulation and conductor. (Figure 3)

IPC 1-7

H02K 3/32

IPC 8 full level

H02K 3/34 (2006.01); **H02K 3/30** (2006.01); **H02K 3/32** (2006.01); **H02K 3/40** (2006.01)

CPC (source: EP US)

H02K 3/32 (2013.01 - EP US)

Citation (search report)

- [Y] EP 0368038 A1 19900516 - ASEA BROWN BOVERI [CH]
- [Y] GB 1054045 A
- [A] US 2320866 A 19430601 - HILL LAWRENCE R

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0573794 A2 19931215; EP 0573794 A3 19940209; EP 0573794 B1 19960313; AT E135502 T1 19960315; CA 2094482 A1 19931211; DE 4218927 A1 19931216; DE 59301847 D1 19960418; ES 2086817 T3 19960701; JP H0670500 A 19940311; PL 171513 B1 19970530; PL 299179 A1 19931227; RU 2100890 C1 19971227; US 5300844 A 19940405

DOCDB simple family (application)

EP 93107548 A 19930510; AT 93107548 T 19930510; CA 2094482 A 19930420; DE 4218927 A 19920610; DE 59301847 T 19930510; ES 93107548 T 19930510; JP 13859693 A 19930610; PL 29917993 A 19930603; RU 93028889 A 19930609; US 5299193 A 19930427